PATENT APPLICATION FEE DETERMINATION RECORD Effective January 1, 2003 10-609-162 CLAIMS AS FILED - PART I OTHER THAN SMALL ENTITY TYPE [SMALL ENTITY (Column 2) (Column 1) TOTAL CLAIMS FEE RATE FEE RATE 375.00 BASIC FEE 750.00 BASIC FEE NUMBER FILED NUMBER EXTRA OR FOR TOTAL CHARGEABLE CLAIMS 50 minus 20= 30 X\$18= 540 X\$ 9= OR O minus 3 = INDEPENDENT CLAIMS X42= X84= OR MULTIPLE DEPENDENT CLAIM PRESENT X +140= +280= 80 OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR OTHER THAN GLAIMS AS AMENDED - PART II 6/23/05 SMALL ENTITY SMALL ENTITY OR (Column 2) (Column 3) Column 1) ADDI-Talles CIAIUS ADDI-PRESENT MUMBER REMAINING RATE TIONAL RATE TIONAL PREVIOUSLY EXTRA AFTER AMENDMENT FEE FEE AMENDMENT PAID FOR 5D X\$18= Minus X\$ 9= OR Total Independent Minus X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR TOTAL TOTAL 11-30 € OR ADDIT. FEE ADDIT, FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-ADDI-NUMBER PRESENT REMAINING 8 TIONAL TIONAL RATE RATE PREVIOUSLY EXTRA AFTER ENDMENT FEE FEE PAID FOR MENDMENT X\$18= Minus X\$ 9-Total OR Independent Minus • X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL OR ADDIT. FEE ADDIT, FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAMS ADDI-ADDI-U REMAINING NUMBER DOCSEMT RATE TIONAL RATE TIONAL PREVIOUSLY AFTER EXTRA AMENDMENT FEE FEE AMENDMENT PAID FOR Winus X\$18= **Total** X\$ 9= OR Minus Independent X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ADDIT, FEE ADOIT. FÉE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number